

A070us.txt

SEQUENCE LISTING

<110> BIOGEN, INC.
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 MACKAY, Fabienne
 TSCHOPPE, Jurg
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<120> BAFF, Inhibitors Thereof and Their Use
 in the Modulation of B-Cell Response

<130> A070 US

<150> 60/117,169

<151> 1999-01-25

<150> 60/143,228

<151> 1999-07-09

<150> PCT/US00/01788

<151> 2000-01-25

<160> 22

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 218

<212> PRT

<213> Homo Sapien

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Lys	Lys	Arg	Glu	Glu	Met	Lys	Leu	Lys	Glu	Cys	Val	Ser	Ile	Leu	Pro
			20					25					30		
Arg	Lys	Glu	Ser	Pro	Ser	Val	Leu	Leu	Ser	Cys	Cys	Leu	Thr	Val	Val
			35				40					45			
Ser	Phe	Tyr	Gln	Val	Ala	Ala	Leu	Gln	Gly	Asp	Leu	Ala	Ser	Leu	Arg
	50				55				60						
Ala	Glu	Leu	Gln	Gly	His	Ala	Glu	Lys	Leu	Pro	Ala	Gly	Ala	Lys	
65				70					75					80	
Ile	Phe	Glu	Pro	Pro	Ala	Pro	Gly	Glu	Gly	Asn	Ser	Ser	Gln	Asn	Ser
				85				90					95		
Arg	Asn	Lys	Arg	Ala	Val	Gln	Gly	Pro	Glu	Glu	Thr	Val	Thr	Gln	Asp
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Cys	Leu	Gln	Leu	Ile	Ala	Asp	Ser	Glu	Thr	Pro	Thr	Ile	Gln	Lys	Gly

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 <213> Homo Sapien

<400> 3
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 Ile Gln Lys Gly Ser Tyr Thr Phe Val Pro Trp Leu Leu Ser Phe Lys
 20 25 30
 Arg Gly Ser Ala Leu Glu Glu Lys Tyr Gly Gln Val Leu Tyr Thr Asp
 35 40 45
 Lys Thr Tyr Ala Met Gly His Leu Ile Gln Arg Lys Lys Val His Val
 50 55 60
 Phe Gly Asp Glu Leu Ser Asn Asn Ser Cys Tyr Ser Ala Gly Ile Ala
 65 70 75 80
 Lys Leu Glu Glu Gly Asp Glu Leu Gln Leu Ala Ile Pro Arg Glu Asn
 85 90 95
 Ala Gln Ile Ser Leu Asp
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 <210> 4
 <211> 96
 <212> PRT
 <213> Homo Sapien

<400> 4
 Lys Gln His Ser Val Leu His Leu Val Pro Ile Asn Ala Thr Ser Lys
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 Asp Asp Ser Asp Val Thr Glu Val Met Trp Gln Pro Ala Leu Arg Arg
 20 25 30
 Gly Arg Gly Leu Gln Ala Gln Tyr Ser Gln Val Leu Phe Gln Asp Val
 35 40 45
 Thr Phe Thr Met Gly Gln Val Val Ser Arg Glu Gly Gln Gly Arg Ala
 50 55 60
 Tyr Asn Ser Cys Tyr Ser Ala Gly Val Phe His Leu His Gln Gly Asp
 65 70 75 80
 Ile Leu Ser Val Ile Ile Pro Arg Ala Arg Ala Lys Leu Asn Leu Ser
 85 90 95

<210> 5
 <211> 104
 <212> PRT
 <213> Homo Sapien

<400> 5
 Ser Asp Lys Pro Val Ala His Val Val Ala Asn Pro Gln Ala Glu Gly
 1 5 10 15
 Gln Leu Gln Trp Leu Asn Arg Arg Ala Asn Ala Leu Leu Ala Asn Gly
 20 25 30
 Val Tyr Ser Gln Val Leu Phe Lys Gly Gln Gly Cys Pro Ser Thr His

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35 40 45
 Val Leu Leu Thr His Thr Ile Ser Arg Ile Ala Val Ser Tyr Gln Thr
 50 55 60
 Glu Gly Ala Glu Ala Lys Pro Trp Tyr Glu Pro Ile Tyr Leu Gly Gly
 65 70 75 80
 Val Phe Gln Leu Glu Lys Gly Asp Arg Leu Ser Ala Glu Ile Asn Arg
 85 90 95
 Pro Asp Tyr Leu Asp Phe Ala Glu
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<210> 6
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 <212> PRT
 <213> Homo Sapien

<400> 6
 Glu Leu Arg Lys Val Ala His Leu Thr Gly Lys Ser Asn Ser Arg Ser
 1 5 10 15
 Met Pro Leu Glu Trp Glu Asp Thr Tyr Gly Ile Val Leu Leu Ser Gly
 20 25 30
 Val Lys Tyr Ser Lys Val Tyr Phe Arg Gly Gln Ser Cys Asn Asn Leu
 35 40 45
 Pro Leu Ser His Lys Val Tyr Met Arg Asn Ser Lys Tyr Pro Gln Met
 50 55 60
 Trp Ala Arg Ser Ser Tyr Leu Gly Ala Val Phe Asn Leu Thr Ser Ala
 65 70 75 80
 Asp His Leu Tyr Val Asn Val Ser Glu Leu Ser Leu Val Asn Phe Glu
 85 90 95
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<210> 7
 <211> 102
 <212> PRT
 <213> Homo Sapien

<400> 7
 Thr Leu Lys Pro Ala Ala His Leu Ile Gly Asp Pro Ser Lys Gln Asn
 1 5 10 15
 Ser Leu Leu Trp Arg Ala Asn Thr Asp Arg Ala Phe Leu Gln Asp Gly
 20 25 30
 Phe Tyr Ser Gln Val Val Phe Ser Gly Lys Ala Tyr Ser Pro Lys Ala
 35 40 45
 Thr Ser Ser Pro Leu Tyr Leu Ala His Glu Val Gln Leu Phe Ser Ser
 50 55 60
 Gln Tyr Pro Phe Pro Trp Leu His Ser Met Tyr His Gly Ala Ala Phe
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 Gln Leu Thr Gln Gly Asp Gln Leu Ser Thr His Thr Asp Gly Ile Pro
 85 90 95
 His Leu Val Leu Ser Phe
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<210> 8
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 <213> Homo Sapien

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 Glu Ala Gln Pro Phe Ala His Leu Thr Ile Asn Ala Thr Asp Ile Pro
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 Ser Gly Ser His Lys Val Ser Leu Ser Ser Trp Tyr His Asp Arg Gly
 20 25 30
 Trp Gly Lys Ile Ser Asn Met Tyr Ala Asn Ile Cys Phe Arg His His
 35 40 45
 Glu Thr Ser Gly Asp Leu Ala Thr Glu Tyr Leu Gln Leu Met Val Tyr
 50 55 60
 Val Thr Lys Thr Ser Ile Lys Ile Pro Ser Glu Phe His Phe Tyr Ser
 65 70 75 80
 Ile Asn Val Gly Gly Phe Phe Lys Leu Arg Ser Gly Glu Glu Ile Ser
 85 90 95
 Ile Glu Val Ser Asn Pro Ser Leu Leu Asp Pro Asp Gln
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 <213> Homo Sapien

<400> 9
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<210> 10
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<210> 11
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 <213> Homo Sapien

<400> 11
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<400> 12
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<400> 13
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<210> 14
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<212> DNA
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<400> 14
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<210> 15
<211> 22
<212> DNA
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<400> 15
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22

<210> 16
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<212> DNA
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<400> 16
cttctccttc acctggaaac tgactg
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<210> 17
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<400> 17
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<400> 20
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<210> 21
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<400> 21
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<210> 22
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 <212> DNA
 <213> Homo Sapien

<400> 22
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 21